

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:51 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 400 Const Calendar Day: 121 Date: 03-Oct-2012 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:45 AM 07:30 PM Break: 00:30 Over Time: 04:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Phase-3 Load Transfer**

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-3 load transfer (LT) continued
- Re-tensioning of cable band (CB) bolts
- Installation of suspender anchor rods

Today I was inspecting Matt Holt's crew on the jacking of phase-3 suspender ropes & other misc inspection. See the diaries of L. Woo, S. Daouk, & P. Jalali for additional details of the work on the South cable as they were also inspecting this work. See the diary of others for information on the North cable suspender jacking, CB bolt tensioning, & installation of suspender anchor rods.

- I arrived at the pier 7 office at 06:45, & was on the bridge at 07:00.
- At 07:00, Matt's crew was jacking on the phase-3 suspenders starting at PP64S & working easterly.
- From 07:15 until 08:15, I helped Alex Schmitt & Matt Bruce perform extensometer measurements of CB bolts. We measured the following CBs: 70N, 72N, 80N, 82N, & 40S. At 08:15, John Lyons arrived to relieve me, & I left to do other inspection.
- From 08:15 until 09:00, I checked the suspender center marks at PP64S after it had been loaded to make sure that it did not slip. After this time, L. Woo was inspecting the suspender center marks.
- From 09:00 until 12:00, I was measuring the heights of the installed shim packs along the South cable. This was not an exact measurement check since the shim pack heights are specified while under load, & the shims as currently installed are snugly fit, but not loaded. This was just a double check to make sure that there was not a blunder by the iron-workers while installing the shim packs.
- From 12:00 until 12:30, I ate lunch.
- From 12:30 until 13:15, I was measuring the heights of the installed shim packs along the South cable.
- From 13:15 until 14:30, I checked the CB rotation on all CBs in the South side-span. Also, I checked the CB rotation between PPs 44S & 68S in the South main-span (above 68S, they were still jacking on phase-3 suspenders). I used a digital level placed along the stanchion pads. The theoretical angle on this pad should be 90 degrees (plumb). 60% of the measured angles on the CBs were within + or - 0.5 degrees of plumb. 3 CBs were more than 1 degree from plumb (24S at 88.7 degrees, \*, 30S at 88.9 degrees, \*, 32S at 88.4 degrees, \*, 56S at 88.9 degrees). - Note: I summarized the CB rotation data collected today & later emailed it to Roman Granados & Warren Collins.
- From 14:30 until 17:00, I was measuring the heights of the installed shim packs along the South cable.
- Note: Throughout the shift today, I measured the shim packs from PP10S through PP78S. All of the measurements were very close to the theoretical shim heights, so there does not appear to be any installation mistakes at those PPs.
- At 17:00, 2 crews were directed to stay late & work 12 hours. I stayed to cover this work.



## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 400

Date: 03-Oct-2012

Wednesday

- From 17:00 until 18:00, Gary Anderson's crew & Tony Costa's crew were removing the 400 ton hydraulic jacks from the phase-1 PPs on the South cable. They removed all of the jacks on the South cable except at PPs 34, 38, 40, 98, & 102.

- From 18:00 until the end of the shift, Tony's crew went to the North cable, & Gary's crew stayed on the South cable. Both crews were installing jacking equipment for phase-3 suspenders (at 84N & 92S).

- At 19:00, I left the bridge.

- From 19:10 until 19:30, I wrote my diary for the day & checked email.

04-0120F4

Bid Item: 067

C-SUS-BGS.067

Attach BG Lifts to Suspenders

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	PABLO RAMIREZ	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Operator	OTH	THEODORE ROHR	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	LONNY CANDELARIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	MATTHEW COCHRAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	MATTHEW HOLT	8.00	2.00	0.00	10.00		<input type="checkbox"/>